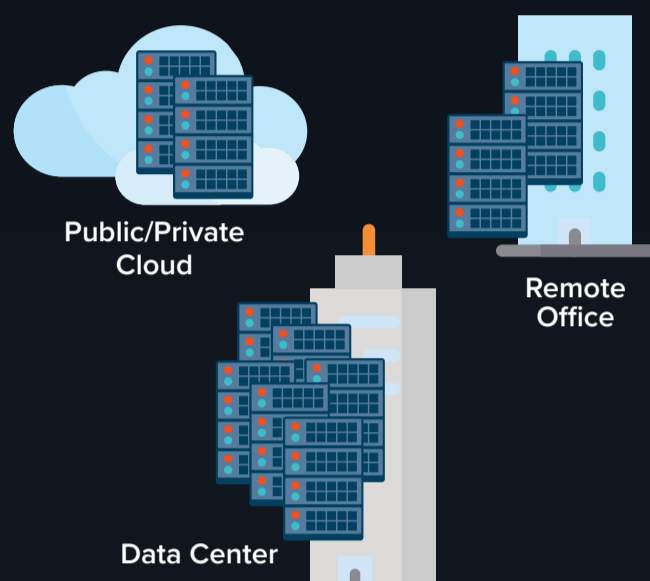# TOP CONSIDERATIONS FOR PROTECTING THE HYBRID DATA CENTER

Having applications and data distributed across the data center, remote offices and in the cloud makes data protection challenging and time-consuming. Complicating matters, most organizations have both physical and virtual systems, and in some cases, multiple virtual platforms. Today, some even use multiple clouds – both private and public – resulting in many IT organizations using multiple solutions. Here are some best practices to consider when it comes to protecting applications and data in a hybrid data center.

1. Seek a single solution that covers it all

Simplify with a centralized solution that protects a wide range of applications, on both physical and virtual servers (and multiple virtualization platforms), in the data center, remote offices and cloud.

Public/Private Cloud

Remote Office

Data Center

36%

By 2020, 36 percent of enterprises will use the cloud to support more than half of their transactional systems of record.[1]
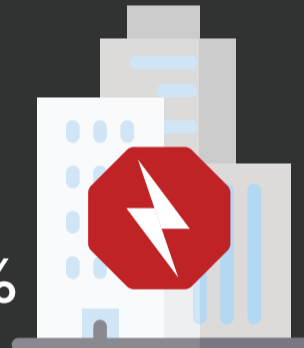
2. Maintain flexible recovery options

Meet recovery goals and shorten recovery time by looking for a solution that offers flexible recovery options. Recover only what you need and recover where it makes most sense.
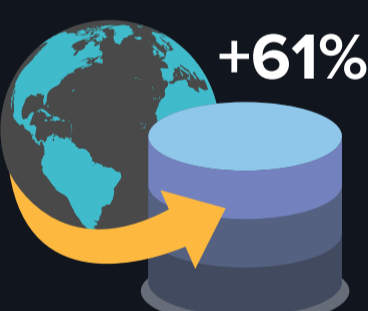
23 percent of organizations never test their disaster recovery plan at all – exposing their organization to unnecessary risk.[2]

23%

3. Deduplicate your data

Reduce storage requirements and costs with a data protection strategy that includes a data deduplication solution that reduces storage requirements and costs by up to 95%.

Blocks
Files
Objects
Files Blocks Objects

+61%

By 2025, worldwide data will grow 61% to 175 zettabytes, a 9 percent increase over the previous year's 2025 estimate.[3]

4. Ensure cloud readiness

Address ever-changing data protection requirements and reduce CAPEX for data center resources by making sure your solution can be deployed and operated in the cloud.

Backup

Data Protection

Data Center

90 percent of organizations plan to use cloud as part of their data protection strategy within the next 12 months.[4]
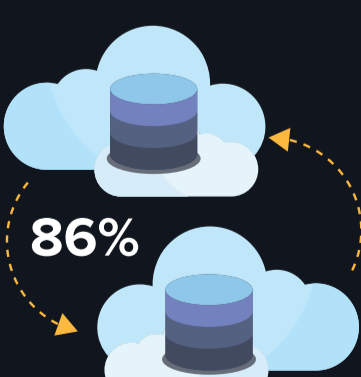
90%

5. Replicate offsite

Achieve disaster recovery readiness by using a solution that replicates multiple copies of your backups to different locations, including the cloud.

Backup

86%

Upwards of 86% of cloud technology decision makers say they now have a multi-cloud strategy.[5]

[1] Gartner: Finance Is Moving to the Cloud Much Faster Than Expected (09/2017).
[2] Spiceworks Blog: Data Snapshot: How well equipped are businesses to bounce back from disaster? (10/23/2018)
[3] IDC Data Age 2025, White Paper #US44413318 (11/2018).
[4] IDC World-Wide Data Protection as a Service Forecast 2018-2022, IDC US44580918, July 2018.
[5] TechRepublic: Why 86% of enterprises employ a multi-cloud strategy and how it impacts business.

See How Quest NetVault Can Help

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